

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11375

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q1/40 H01Q1/32 H01Q1/52 H01Q1/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 989 629 A (NIPPON ANTENA KABUSHIKI KAISHA) 29 March 2000 (2000-03-29) column 5, line 39 – line 50; figure 2 -----	1-11
A	EP 0 891 001 A (CALEARO MASSIMO) 13 January 1999 (1999-01-13) figure 5 -----	1-11
A	US 5 959 585 A (MILITZ UWE) 28 September 1999 (1999-09-28) the whole document -----	1-11
A	US 5 835 071 A (PHELPS CRAIG) 10 November 1998 (1998-11-10) abstract -----	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

3 February 2004

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Information on patent family members

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